Index of Claims

|            | Application No. | Applicant(s)    |  |  |  |  |
|------------|-----------------|-----------------|--|--|--|--|
| 09/890,302 |                 | MOTOWAKI ET AL. |  |  |  |  |
|            | Examiner        | Art Unit        |  |  |  |  |

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | N | Non-Elected  |
|---|---|--------------|
| ı | ı | Interference |

Adolfo Nino

| Α | Appeal   |
|---|----------|
| 0 | Objected |

2831

| Cla   | Date  |  |   |              |              |              |          |          |          |          |  |
|-------|---|--|---|--------------|--------------|--------------|----------|----------|----------|----------|--|
| Final | Originat  | 2/21/04  |   |              |              |              |          |          |          |          |  |
|       | 1   | 0  |   | _            |              | $\vdash$     | ┢        |          |          | $\vdash$ |  |
|       | 2   | =  |   |              |              |              | Г        |          |          |          |  |
|       | 3   | =  |   |              |              |              |          |          |          |          |  |
|       | 4   | √  |   |              |              |              |          |          |          |          |  |
|       | 5   | √  |   |              |              |              |          |          |          |          |  |
|       | 6   | √  |   | 匚            |              | L            |          |          |          |          |  |
|       | 7   | = \frac{1}{1} \frac{1} \frac{1}{1} \frac{1}{1} \frac{1}{1} \frac{1}{1} 1 |   | L.           | ļ            |              |          |          | _        |          |  |
|       | 8   | 1  |   | L.           |              | _            |          | _        |          |          |  |
|       | 9   | ٧  | _ | <u> </u>     | ⊢            | <u> </u>     | <u> </u> | _        | ļ        | _        |  |
|       | 10  | ٧  |   | <u> </u>     | ⊢            | <u> </u>     | -        |          | ├        | -        |  |
|       | 11  | V  | _ | $\vdash$     | ⊢            |              |          | _        |          | -        |  |
|       | 12  | 1  |   | $\vdash$     | -            | <del> </del> | $\vdash$ | -        |          | ⊢        |  |
|       | 14  | 0  | - | -            | $\vdash$     | ┢            | -        | $\vdash$ | $\vdash$ | $\vdash$ |  |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | ۲  |   |              | -            | $\vdash$     | $\vdash$ | $\vdash$ |          | $\vdash$ |  |
|       | 16  |  |   | -            | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | _        | $\vdash$ |  |
|       | 17  | $\vdash$   |   | $\vdash$     | $\vdash$     |              | -        | -        |          | -        |  |
|       | 18  | H  |   | $\vdash$     | -            |              | ┢        | $\vdash$ |          |          |  |
|       | 19  |  |   | -            |              |              |          | $\vdash$ |          | -        |  |
|       | 20  |  |   |              |              | ┢            | -        | H        |          |          |  |
|       | 21  |  |   |              | ┢            | $\vdash$     | Н        | $\vdash$ |          |          |  |
|       | 22  |  |   |              |              |              | <u> </u> |          |          |          |  |
|       | 23  |  |   | _            | Г            |              |          |          |          |          |  |
|       | 24  |  |   |              |              |              |          |          |          |          |  |
|       | 25  |  |   |              |              |              |          |          |          |          |  |
|       | 26  |  |   |              | L            |              |          |          |          |          |  |
|       | 27_   |  |   |              | L            |              | L        | L        | L        |          |  |
|       | 28  | Ш  |   | _            | L            |              | <u> </u> |          | L        |          |  |
|       | 29  | Ш  |   | _            | <u> </u>     |              | ㄴ        | <u> </u> |          |          |  |
|       | 30  | Н  |   | <u> </u>     | <u> </u>     | _            | <u> </u> | <u> </u> |          | _        |  |
|       | 31  | Н  |   |              | L            | <u> </u>     | <u> </u> | <u> </u> |          | Н        |  |
|       | 32  |  |   |              |              | <u> </u>     | _        | -        | -        | _        |  |
|       | 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33<br>34          | $\vdash$   | _ | $\vdash$     | $\vdash$     | <u> </u>     | -        | $\vdash$ | $\vdash$ | $\vdash$ |  |
|       | 35  | H  |   | $\vdash$     | <del> </del> | $\vdash$     | $\vdash$ |          | $\vdash$ |          |  |
|       | 36  | H  |   |              | ├            | $\vdash$     | $\vdash$ |          | H        | $\vdash$ |  |
|       | 36<br>37<br>38  | H  |   | <del> </del> | $\vdash$     |              | H        | -        | H        | H        |  |
|       | 38  | Н  |   |              | $\vdash$     |              | -        |          | H        | $\vdash$ |  |
|       | 39  | $\vdash$   |   |              | <u> </u>     |              | ┢        |          |          |          |  |
|       | 40  |  |   | <del></del>  |              |              | $\vdash$ | П        |          |          |  |
|       | 41  | Н  |   |              |              |              | $\vdash$ |          |          | П        |  |
|       | 42  |  |   |              |              |              |          |          |          |          |  |
|       | 43  |  |   |              |              |              |          |          |          |          |  |
|       | 44  |  |   |              |              |              |          |          |          |          |  |
|       | 45  |  |   |              |              |              |          |          |          |          |  |
|       | 46  |  |   |              |              |              |          |          |          |          |  |
|       | 47  |  |   |              |              |              |          |          |          |          |  |
|       | 48  |  |   |              |              |              |          |          |          |          |  |
|       | 49  |  |   | L.           | Ш            |              |          |          |          |          |  |
|       | 50  |  |   | 1            |              |              |          |          |          |          |  |

|               |  | 1 [        | Cla      | im       |          |       |          |          | Date     |          |          |          |          |
|---------------|--|------------|----------|----------|----------|-------|----------|----------|----------|----------|----------|----------|----------|
| $\neg \vdash$ | Т  | 1  -       | <u> </u> |          |          |       |          | T.       | <u> </u> | Ť        | Γ        | Г        |          |
|               |  | -<br>  i   | Final    | Original |          |       |          |          |          |          |          |          |          |
|               | 一  | i 🗀        |          | 51       |          |       |          |          |          |          |          | $\vdash$ |          |
|               |  |            |          | 51<br>52 |          |       |          |          |          |          |          |          |          |
|               |  |            |          | 53       |          |       |          |          |          |          |          |          |          |
|               | _  |            |          | 54       |          |       |          |          |          |          |          |          |          |
|               | <u> </u>   | l ∟        |          | 55       |          |       |          |          |          | _        | <u> </u> |          |          |
| $\bot$        | <u> </u>   | l ∟        |          | 56       |          | _     | <u> </u> | <u> </u> |          |          |          |          |          |
| _             | <u> </u>   | I⊢         |          | 57       | _        |       | <u> </u> | <u> </u> | _        | <u> </u> | _        | <u> </u> |          |
|               | <u> </u>   | <b> </b>   | -        | 58<br>59 |          |       | <u> </u> | H        |          | $\vdash$ |          |          | -        |
|               | ├  | l          |          | 60       | H        |       | $\vdash$ | $\vdash$ |          | ┝        | _        |          | -        |
|               | ┢╾   |            |          | 61       |          |       |          | -        |          | $\vdash$ |          | _        | -        |
|               | ┢  | 1  -       |          | 62       |          |       |          | $\vdash$ |          |          |          |          |          |
|               |  |            |          | 62<br>63 |          |       |          |          |          |          |          |          |          |
|               |  |            |          | 64       |          |       |          |          |          |          |          |          |          |
| _             |  |            |          | 65       |          |       |          |          |          |          |          |          |          |
|               | ļ  | l ∟        | _        | 66       |          |       |          | _        |          |          |          |          |          |
|               | <u> </u>   |            |          | 67       | <u> </u> |       |          |          |          |          |          |          |          |
| +             | -  | l          |          | 68       | $\vdash$ |       |          |          |          |          |          | _        | _        |
|               | ┢  | <b>!</b> ⊢ | $\dashv$ | 69<br>70 |          |       |          | -        |          | _        |          | $\vdash$ |          |
| _             | ⊢  | l ⊢        | $\dashv$ | 71       | -        |       | _        | -        |          |          |          | <u> </u> |          |
| +             |  |            | _        | 72       |          |       |          |          |          |          |          |          |          |
| $\top$        | Г  |            | $\neg$   | 73       |          |       |          |          |          |          |          |          |          |
|               |  |            |          | 74       |          |       |          |          |          |          |          |          |          |
|               |  | _          |          | 75       |          |       |          |          |          |          |          |          |          |
| _             |  |            |          | 76       |          | -     | _        | $\Box$   |          |          | _        |          |          |
|               | ⊢  | l ⊢        | $\dashv$ | 77<br>78 |          |       |          |          |          |          |          |          |          |
|               | H  | ▎├         | $\dashv$ | 79       |          |       |          | Н        |          |          |          |          |          |
|               | <del>                                     </del> |            | 一        | 80       |          | -     |          |          |          |          |          |          |          |
|               |  |            |          | 81       |          |       |          |          |          |          |          |          |          |
|               |  |            |          | 82       |          |       |          |          |          |          |          |          |          |
|               | _  |            | _        | 83       | Ш        |       |          | Ш        |          |          |          |          | Ш        |
|               |  | _          |          | 84       | Ш        |       |          | $\Box$   |          | Щ        |          | _        | Щ        |
|               | $\vdash$   | -          |          | 85<br>86 | $\vdash$ |       |          | Ш        |          |          | Щ        | _        | Н        |
| -             | $\vdash$   | -          | $\dashv$ | 87       | $\vdash$ | -     | _        | $\dashv$ |          | _        |          | _        | Н        |
|               | П  |            | ┪        | 88       |          | _     |          | $\vdash$ |          | _        | _        |          | $\vdash$ |
|               |  |            | コ        | 89       |          |       |          |          |          |          |          |          |          |
|               |  |            |          | 90       |          |       |          |          |          |          |          |          |          |
|               | <u> </u>   | _          | _        | 91       | Ш        |       |          | Ш        |          |          |          |          |          |
|               | _  | _          | _        | 92       | Ш        |       |          | -        |          | _        |          |          | _        |
| +             | -  | -          |          | 93<br>94 | Н        |       |          | $\vdash$ | _        | Н        | _        | _        | Н        |
| +             | $\vdash$   | -          | $\dashv$ | 95       |          |       |          | $\vdash$ | _        | $\dashv$ | -        | _        | -        |
| +             |  |            | $\dashv$ | 96       | $\vdash$ |       | $\vdash$ | H        | $\dashv$ | -        | $\dashv$ | _        | Н        |
| $\top$        |  |            | $\dashv$ | 97       | $\Box$   |       | Н        | $\Box$   | _        |          |          |          | Н        |
|               |  |            |          | 98       |          |       |          |          |          |          |          |          |          |
|               |  |            |          | 99       |          |       |          |          |          |          |          |          |          |
|               | L_,  | ⊢∟         |          | 100      | Ш        | لــــ |          | Ш        |          | Ш        |          |          |          |

|  | l  |          |          |              |  |          | -            |          | J            |                 |
|--|--|----------|----------|--------------|--|----------|--------------|----------|--------------|-----------------|
|  | -i   | _        |          |              |  | -        |              |          |              |                 |
| _ <u>CI</u>                                      | aim  | -        | _        | _            | <del>'</del>   | Dat      | e<br>T       | _        | _            | Н               |
| <del></del>                                      | Original   |          |          |              |  |          |              |          | Į            |                 |
| Final  | <u>.</u>   |          |          |              |  |          |              |          |              | 1               |
| -  | Ō  |          |          |              |  |          |              |          |              | 1               |
|  | 101  |          |          |              | 1  |          |              | i -      |              | П               |
|  | 101<br>102   |          | Г        |              |  |          |              |          |              |                 |
|  | 103  |          |          |              |  |          |              |          |              |                 |
|  | 104  |          |          |              |  |          |              |          |              | Ц               |
|  | 103<br>104<br>105  |          | _        | L            | L_   | L_       | ᆫ            | L        | <u> </u>     | Ш               |
|  | 106  | _        | <u> </u> | _            |  | ļ_       | <u> </u>     |          | _            | Ш               |
|  | 107  | <u> </u> | ⊢        | <u> </u>     | ļ.   | <u> </u> | _            | _        | _            | $\vdash$        |
|  | 106<br>107<br>108<br>109   |          | ⊢        | ⊢            |  | ┝        |              | -        | <u> </u>     | Н               |
|  | 1109   | $\vdash$ | $\vdash$ | $\vdash$     | -  | -        | $\vdash$     | $\vdash$ | -            | $\vdash$        |
| <del>                                     </del> | 111  |          | -        | ┢            | <del>                                     </del>                 | $\vdash$ | ├-           | $\vdash$ | $\vdash$     | Н               |
| $\vdash$   | 112  |          | $\vdash$ | H            | $\vdash$   | $\vdash$ | $\vdash$     | H        | $\vdash$     | $\vdash$        |
|  | 113  |          |          | 1            |  |          | $\vdash$     | H        |              | H               |
|  | 110<br>111<br>112<br>113<br>114<br>115<br>116  |          |          | Т            | Т  | Г        |              | T        |              | П               |
|  | 115  |          |          |              |  |          |              |          |              |                 |
|  | 116  |          |          |              |  |          |              |          |              |                 |
|  | 117  |          |          |              |  |          |              |          |              |                 |
|  | 117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          |          | _            |  |          | L            |          |              | Ш               |
|  | 119  | _        | _        | L            | <u> </u>   |          |              | _        |              | Ш               |
|  | 120  |          | _        |              | _  |          | _            | <u> </u> | _            | Ш               |
| <u> </u>   | 121  |          |          | L            | <u> </u>   | ļ        | <u> </u>     | <u> </u> |              | Ц               |
| -  | 122  | _        |          | -            | <del> </del>   | <u> </u> | <u> </u>     | <u> </u> | _            | Н               |
| -  | 123  |          |          |              | ├  | ⊢        | ├            | ⊢        | -            | $\vdash \vdash$ |
| <u> </u>   | 125  | $\vdash$ |          | -            |  | $\vdash$ | <del> </del> | ┢        | <del> </del> | Н               |
|  | 126  |          |          | -            | $\vdash$   | _        | $\vdash$     |          |              | Н               |
|  | 127  |          |          | -            | 1  | Т        | $\vdash$     | ┪        |              | П               |
|  | 128  |          |          |              | T  | <b>-</b> | $\vdash$     |          |              | П               |
|  | 129  |          |          |              |  |          |              |          |              |                 |
|  | 130  |          |          |              |  |          |              |          |              |                 |
|  | 131  |          |          |              | L  |          | _            | L        |              |                 |
|  | 132  |          |          | _            | <u> </u>   |          |              | ╙        |              | Ш               |
|  | 132<br>133<br>134  |          |          | <u> </u>     | <u> </u>   | L        | _            | $\vdash$ | L            | Щ               |
| $\vdash\vdash\vdash$                             | 134  | _        | _        | ├-           | ⊢  | -        | _            | $\vdash$ |              | Н               |
|  | 136  |          | _        | <del> </del> | -  | $\vdash$ | -            | ┢╾       | $\vdash$     | $\vdash$        |
|  | 136<br>137<br>138  |          | _        |              | ┝  | H        |              | $\vdash$ | $\vdash$     | $\vdash$        |
|  | 138  |          | _        |              | -  | _        | _            | $\vdash$ | $\vdash$     | $\vdash$        |
|  | 139  |          | $\vdash$ | $\vdash$     | T  | П        | _            | Т        | $\vdash$     | $\Box$          |
|  | 140  |          |          | $\vdash$     | Γ  |          |              |          | Г            | $\Box$          |
|  | 141  |          |          |              |  |          |              |          |              |                 |
|  | 142  |          |          |              |  |          |              |          |              |                 |
|  | 143  |          |          | L            | $oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{eta}}}}$ |          |              | $\Box$   | $\Box$       |                 |
|  | 144  |          | _        | <u> </u>     | <u> </u>   |          | _            | L        | L_           | Ш               |
|  | 145  |          | _        | _            |  |          | <u> </u>     | L        | L            | Ш               |
| -  | 146  |          | L        | $\vdash$     | $\vdash$   |          |              | $\vdash$ | Щ            | Ш               |
| $\vdash$   | 147  | ۰,       |          | -            | H  |          |              | $\vdash$ | $\vdash$     | Н               |
| $\vdash$   | 148<br>149   | $\vdash$ |          | H            | $\vdash$   | H        |              |          | $\vdash$     | $\vdash$        |
| $\vdash$   | 150  | $\vdash$ |          | -            | -  | $\vdash$ | -            |          | $\vdash$     | Н               |
| لـــــــا  | 130  |          | L.       | Ц.           |  |          |              |          |              |                 |